ALFA 2200 SN

Highly reliable industrial thermal / thermal transfer printer.

GENERAL CODE®

The adoption of the latest technology has enabled General Code® to produce this new model, efficient and tireless, characterized by a robust metal construction and an unequalled quality/price ratio.
After the huge success of ALFA 2050 and ALFA 2100General Code® wanted this new model, which contains all the advantages of the previous models and is obviously fully compatible plus the added value of autonomy, new power and the latest technology. The result is a highly flexible and reliable machine, able to face every type of work load without strain and to print 24 hours a day without the need for forced cooling (with the exception of particularly hot environments).
Thanks to the adoption of new faster microprocessors and to particular technology developed from experience over the years, the processing speed has been tripled in order to enable the most complex printing and a more powerful graphic support.
Furthermore, the printing speed can be precisely adjusted to suit your needs, from 20mm/s up to 250 mm/s to always obtain the best results. Its flexibility is unrivalled: the impression energy, at the absolute top of the market, is such to enable high-quality printing on a wide range of materials, which would otherwise be difficult to print: stick-on labels, paper, cardboard, Triplex, Mylar, Tyre, PVC, PE, PET, OPP, PP, TYVEK, KAPTON, textile fibres, etc.
Furthermore, highly resistant ribbon can be used (resistant to wear and tear, high temperatures, solvents, washing and even some acids).
The model foresees both transparent and black-mark sensors, equipped with a self-calibration system that facilitates the use of unusual materials. With the KIT SR the ALFA 2200 SN is also equipped with an automatic stripper, a grip sensor for the automatic distribution of labels and an internal rewinder for rolls of printed material. The ribbon range is over 450 meters, while the ALFA 2200 SN with the KIT SR holds rolls of paper up to 150 mm Ø and the ALFA 2200 SN up to 200mm Ø. In both cases external fan-fold feeding is possible.
Graphic performance includes printing bar codes, even two-dimensional ones, graphic images (can be saved in the machine) and fonts scaled to your pleasure with high precision from 1 mm up to over 120 mm in height. Furthermore, the entire firmware of the printer is in FLASH ROM, making it easy to update with future developments directly by the client.
The ALFA 2200 SN is easy to connect: the serial RS-232, the parallel Centronics and the USB port are on board, furthermore they are provided with the drivers for Windows 3.x, 95/98 and NT 4.0,XP,2000.
Thanks to a specially designed set of controls entirely made up of text characters, it is very easy to carry out the direct control on the printer (even from IBM 36, 38, AS400, UNIX systems and others).
Among the accessories are the external rewinder and memory expansion.

MAIN FEATURES

- Compact construction entirely in metal
- Thermal printing and thermal transfer
- Speed 250 mm/s
- Resolution 8 dot/mm (200 dpi) 12dot/mm (300 dpi)
- Paper passage max. 110 mm
- Print width 104 mm
- For elevated work loads 24 hours a day

KIT TRASFORMATION SR

- Internal rewinder
- Grip sensor
- Stripper

Numero Verde
800-246304

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ALFA 2200 SN - TECHNICAL SPECIFICATIONS

Print Materials	Physic-electric Interface Equipment
DIRECT THERMAL PRINTING	YES
THERMAL TRANSFER PRINTING	YES
WORK LOAD	Elevated, it can print 24 hours a day without strain or the need for forced cooling
PRINTING SPEED	Adjustable with continuity from 10 to 250 mm/s, via software
PRINTING TEMPERATURE ADJUSTMENT	Can be adjusted to suit needs via software with continuity in order to take the maximum advantage of the materials used, very high adjustment range, in particular at high temperatures
PRINT RESOLUTION	8 dots/mm (200 dpi)
PRINT WIDTH	104 mm max (paper passage max. 110 mm)
TEXTS	- freely printable in four directions - 6 alphanumeric Bitstream fonts scaled in real time: Swiss721, Swiss721 bold, News 701, Impress, Monospace 821, OCR-B The printer is able to scale fonts in real time with continuity from 1 to 120 mm, always perfect and without blee ding, with the possibility of ovalization, inclination and inverted printing
BAR CODES	freely printable in four directions
sub-	EAN-8, EAN-13, UPC-A, UPC-E, EAN and UPC 2 or 5 ADD-ON, EAN-128, CODE-39, CODE-128, CODE-128 manual set, INT 2 OF 5, ITF 14, CODABAR, CODE 93
TWO-DIMENSIONAL BAR CODES	PDF-417, DATAMATRIX
GRAPHIC IMAGES	- freely printable in four directions - possibility of downloading images in the FLASH memory (by means of the specially designed software provided)
PRINT RESISTANCE	possibility of using wax, wax/resin and pure resin based ribbon, with the possibility of obtaining prints with a specific resistance to the most various agents such as wear and tear, sun, water, detergents, gasoline, solvents and even some acids
PAPER ROLL DIAMETER	200 mm Ø max
PAPER PASSAGE WIDTH	min/max 30-110 mm (104 mm max printable)
LABEL AND CARD LENGTH	Min: 8 mm - Max: 240 mm (basic version with 4Mb of memory)
PRINTABLE MATERIALS	thermal paper, protected thermal paper, opaque and glossy thermal transfer paper, cardboard, Triplex, normal and metalized MYLAR, PET, PVC, Tyre, PE, PET, OPP, PP, TYVEK, polyamide nylon fibre, and other synthetic materials (for the best results with every material the appropriate ribbon must be used)
MATERIAL CONFORMATION	- in rolls or fan-fold (package) using the specially designed slot for external feed - punched labels, also pre-printed - cardboard cards with notches or black reference marks with or without reeding for tearing, also pre-printed - continuous material (adhesive and not) with black reference marks or without references
RIBBON RANGE	450 meters internal inker
USABLE RIBBON	wax, wax-resin or pure resin-based, black and other approved colours
SERIAL INTERFACE	- RS-232C with Sub-D 25 male pole connector, cable and adapter provided - speed 1200/2400/4800/9600/19200/38400/57600/115200 baud rate - data bit 7/8 - stop bit 1/2 - parity NONE/ODD/EVEN - Handshake Xon/Xoff or CTS/RTS - Entry buffer can be adjusted via software from 2KB up to 99KB
PARALLEL INTERFACE	from the series, Centronics with standard tank connector with 36 pin
USB INTERFACE	from the series, with connector located on the back of the machine
ETHERNET INTERFACE	optional, internal with SCETH card
PROGRAMMING	- by means of controls "Escape" and "Control" - Windows® software - Windows® driver
STAND-ALONE	NO
STRIPPER	NO (if requested pass to ALFA 2200 S model with KITRW22)
LABEL GRIP SENSOR	NO (if requested pass to ALFA 2200 S model with KITRW22)
INTERNAL REWINDER	NO (if requested pass to ALFA 2200 S model with KITRW22)
TRANSPARENT PAPER SENSOR	YES
BLACK MARK PAPER SENSOR	YES
POSITION OF PAPER SENSORS	adjustable
FIRMWARE	resident on 4 Mb FLASH ROM, programmable through PC connection
USER MEMORY	4 Mb FLASH memory + 8 Mb RAM memory
INDICATORS	Printer ready /data reception, Error
INTERRUPTORS	- Pause and Forward (with activation of self-calibration function and print buffer reset); microswitches to select label/ continuous material, transparent/black mark sensor
DIMENSIONS	width 220 mm - height 175 mm - depth 228 mm
WEIGHT	10 Kg
CONSTRUCTION	metal (steel and aluminium)
FEED	220 Vac ±10%, 50 Hz
OPERATING TEMPERATURE	from 0°C to 40°C
STORAGE TEMPERATURE	from -40°C to 60°C
RELATIVE UMIDITY	from 5% to 95% non-condensing
VENTILATION	does not require forced ventilation, neither inside nor outside, it is sufficient to leave enough free space around it
REGULATIONS	CE – RoHS

MODELS AND ACCESSORIES

ALFA 2200 SN	- Thermal Printer250 mm/s 104mm of effective printing **STANDARD EQUIPMENT FOR ALFA 2200 SN INCLUDES:** - Feeling cable - Serial cable RS-232 9 poles/25 poles and adaptor 9/25 poles - Centronics parallel cable - USB cable - Windows® Software for designing and printing labels - Drivers for Windows 3.xx, 95, 98, NT 4.0 - Sample roll of labels - User manual in Italian - Programming manual in PDF format
ALFA 2200 SNE	Like the 2200 SN version but also includes an Ethernet card
ALFA 2200 SRE	Like the 2200 SN version but also includes an internal rewinder and an Ethernet card
ALFA 2200 SN12	Like the 2200 SN but with 12-dot head
Accessori:	
KITRW22	Internal rewinder kit – Internal rewinder kit, stripper and grip sensor.
TPH208	Kit with 8-dot printhead – 8-dot printhead.
TPH2012	Kit with 12-dot printhead – 12-dot printhead
KB2000	External keyboard – External keyboard for STAND ALONE function.
RW300	External motorized rewinder Enables externally rewinding printed material from the ALFA 2200 SN, producing rolls with a diameter up to 250 mm Ø.
SCETH	Internal Ethernet Card To connect the printer to Ethernet network by means of RJ-45 port with the protocols: - IPX/SPX (Novell Netware 3.x, 4.x) - TCP/IP (UNIX lpr/lpd, Windows NT) - NetBEUI (Windows NT, Windows 95, Windows for Workgroups, Microsoft LAN manager, IBM LAN server) - Appletalk (MacOS EtherTalk).
NICE LABEL	Design and label printing program (Windows®) This new program enables the complete management of every possible printer function by means of the considerable advantages offered by Windows® graphics (what you see is exactly what will be printed). The following can be done very simply: use of fonts with relative scaling, inclination and inverted printing; entry in fixed and variable text fields with input from the keyboard, or automatic counters; tracing lines and boxes that can be used as the background for texts; bar codes with fixed or variable content; importing redimensionable graphic files from the program itself. It is also possible to build text fields and bar codes consisting of a combination of others.

TOTE ADV - Padova